ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

. . _ _ _ _

FORM APPROVED

OMB NO. 0578-0035

300

UNITED STATES DEPARTMENT OF ANIMAL AND PLANT HEALTH INSPECTION SERVICE

DEC 082008

Slippery Rock University 1 Morrow Way Slippery Rock, PA 16057

CUSTOMER NUMBER: 31006

1. CERTIFICATE HUMBER: 2

Telephone: (724) -738-4831

REVISED

3. REPORTING FACILITY (List at locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (\$1100) - \$00 Atached Listing

Animets Covered By The Animal Welfara Regulations	S. Number of animal being bred. conditioned or held for use in teaching, teating, experiments, research, or surgery but not ye used for such purposos.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D. Number of animals upon whitch experiments, teaching, repearch, surgery, or tests were conducted involving accompanying pain or distress to the snimals an for which appropriate anesthetic, analgosic, or tranquilizing drups were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquitz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS
4. Dogs	0	0	0	0	0
5. Cats	0	0	14*	0	14
6. Guinea Pigs	0	0	0	0	0
7. Hamslers	0	0	0	0 .	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	29**	0	29
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	4	0	0	4
(Horses)					
13. Other Animals	0	0	6**	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquitizing drugs, prior to, during, and following actual reports teaching, festing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and requisitions under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applications and use Committee (IACUC). A summary of all such exceptions is attached to this annual repart. In addition to identifying the IACUC-approved exceptions, this summary into brief explanation of the exceptions, as well as the species and number of animals affected

A) Lus arranging seminipulan int and research records has subjudings a	ntilious to sustria the biosistos of adedrate setatuary care and to	diverses the adequacy of other sepacts of shims there and use.
	TION BY HEADQUARTERS RESEARCH FACILITY OFFIC eculive Officer or Legelly Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	INDE A TITLE AS A SO INSTITUTIONAL	DATE SIGNED
hersa: AP	(6), (b),	12/2/05
(AUG 91)	<u> </u>	and a configuration of the second configuration and a second configuration and an advantage of the configuration and an advantage of the configuration and an advantage of the configuration and advantage of the configuration an

NOV-29-2005 10:23

UNITED STATES DEPARTMENT IRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0038

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2.3-R-0162 OMB NO 0579-0038

2. HEADQUARTERS RESEARCH FACILITY (Name and Address as registered with USDA

Slippery Rock University 1 Morrow Way Slippery Rock, PA 16057

Animals Covered By The Animal Walfare Regulations 12 &/OR 13 Other (List by species)	Mumber of animals being bred, conditioned, or held for use in techniq, leating, experiments, rasearch, or surgery but not yet used for such purposes	G Number of animals upon which leaching, research, experiments, or lests were conducted involving no parts, distincts, or use of pain-relieving drugs.	Number of enimals upon which experiments, feaching, research, surgery, or teats were conducted involving excompanying pein or distress to the animals and for which appropriate anesthetic, anelgesic, or tranquilizing drugs were used.	8. Number of enimals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate sheathetic, analystic, or tranquitizing drugs would have advertely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	TOTAL NO OF AMMAL (Cols. C + D + E)
erocephalus glaber	0	0	6**	0	6
	100				
					-

- 1) Professionally acceptable standards governing the care, treatment, and can at animals, including approximate use of anesthetic, analysis, and tronquishing drugs, prior in, ariting, and following actual research, leaching, testing, surgery, or experimentation were followed by this research tacility.
- 2). Each principal investigator has considered alternatives to paintul procedures
- 3) This facility is adhering to the standards and regulations updar the Act, and it has required that exceptions to the standards and regulations be appointed by the principal investigator and approved by the translational Animal Gare and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, so well as the appointment of animals affected.
- 6) The attending veletinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Certify that the Jacobs is true, correct, and complete (7 U.S.C. Section 2143)					
Signature of C.E.O. or institutional official	MAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED			
APMS FORM 7029A		12/2/05			

*These animals (cats) were preserved material that came from a licensed commercial supplier

*These animals (no@human primates and naked mole rats) represent tissue samples out

**These animals (noehuman primates and naked mole rats) represent tissue samples out sourced from other approved institutions. The animals were not euthanized for research done at Slippery Rock University.

Table 1: Species, age, sex, size and source of subadult primates used in studies by during 2005 (all specimens in this table were acquired as cadavers and are sectioned and mounted on Tuble 1: Species, age, sex, size and source of subadult primates used in studies by slides)

	Sire(Cs)					
Species	Common name	No.	Source	Sex	Age	CRL(mm)
Strepsirrhines						
Lemuriformes: Cheirogaleidae	-A					
Microcebus murinus	Gray mouse lemur	1	DUPC	M	ld	41.37
Cheirogaleus medius	Fat-tailed dwarf	2	DUPC	F/M	1d/0d	59.25/61.54
	bushbaby					
Mirza coquereli	Coquerel's dwarf	2	DUPC	F/M	2d/0d	69.4/60.32
	lemur					
: Lemuridae						
Eulemur macaco	Black lemur	1	DUPC	?	1 d	101.58
Lemur catta	Ring-tailed lemur	2	DUPC	2M	5d/1d	106.64/96.3
Varecia variegata	Ruffed lemur	1	DUPC	F	Od	127.4
Hapalemur griseus	Lesser bamboo lemur	2	DUPC	2M	Od/Od	93.01/83.76
: Indridae						
Propithecus verrauxi	Verreaux's Sifaka	1	DUPC	M	Od	111.18
Lorisiformes: Lorisidae						
Galagoides demidoff	Demidoff's bushbaby	1	DUPC	F	2d	51.79
Galago moholi	Southern lesser	1	DUPC	?	1d	56.84
	bushbaby					
Otolemur garnetti	Garnett's greater	1	DUPC	M	Od	82.09
	bushbaby					
Otolemur crassicaudata	Thick-tailed greater	1	DUPC	М	Od	82.55
	bushbaby					
Haplorhines						
Tarsiformes: Tarsidae						
Tarsius syrichta	Philippine tarsier	2	DUPC	2/M	0d/0d	48.73/68
Platyrhrhini: Callitrichidae						
Saguinus geoffroyi	Red-crested	3	CMZ	3F	0d/0d/2m	N/A
	(Geoffroy's) tamarin					
Leontopithecus rosalia	Golden lion tamarin	1	CMZ	F	3d	N/A
Callithrix jacchus	Common marmoset	2	WRPC	FM	0d/1d	N/A
Abbrev: 0d − 5d= 0 day − 5 day	old neonate; 2m = 2 mo	nth old	nconate;	CMZ =	Cleveland X	fetroparks

 $Zoo; CRL = Crown-Rump \ Length; DUPC = Duke \ University \ Primate \ Center; F = Female; M = Mule; No. A to the content of t$ = data Not Available; No. = number of specimens examined; WRPC = Wisconsin Regional Primate Center.

Table 2: Adult primates used by et al. during 2005 (all specimens in this table were acquired as cadavers and acquired and mounted on slides)

Species	common name	No.	Source
Microcebus murinus	gray mouse lemur	1	Duke University Primate Center
Otolemur crassicaudatus	thick-tailed greater bushbaby	1	Duke University Medical Center
Otolemur garnetti	Garnett's greater bushbaby	2	Duke University Medical Center
Callithrix jacchus	common marmoset	1	Wisconsin Regional Primate Center

Table 3: Non-primate m	ammais used by		ring 2005 (head tissues were acquired from and mounted on slides)
Species	common name	No	Source
Heterocephalus glaber	naked mole rat	Ğ	University of Illinois, Chicago